

**ARIZONA GAME AND FISH DEPARTMENT  
HABITAT PARTNERSHIP PROGRAM  
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

**PROJECT INFORMATION**

**Project Title:** Graham Mountain. Catchment #3 redevelopment

**Project No. 07-514**

**Region/GMU:** Region 5/ Unit 31

**HPC:** Safford HPC

**Project Type:** Water Redevelopment

**Project Description:**

This is a redevelopment of Game and Fish Catchment #798. The catchment is located on the P-Ranch South of Safford East of the Pinaleno Mountains. It is in Game Management Unit 31. The catchment is currently somewhat functional but desperately needs to be reconstructed so that it will contain and provide water for wildlife in the future. This project will be a complete rebuild of the catchment within the same perimeter. (See project needs statement for additional information).

**Wildlife Species to Benefit:** The proposed project will greatly benefit Mule Deer , Javelina , and some Whitetail moving into the area because of lack of water in the surrounding area. All Small Game and Non-Game species in the area would also benefit from this redevelopment.

**Possible Funding Partners:** Southeastern Arizona Sportsmen's Club

**Implementation Schedule:**

**Beginning:** November 2008

**Completed:** May 2009

**NEPA Compliance: (if applicable)**

**Completed:** Yes \_\_\_\_ No X

**Projected Completion Date:**

**PROJECT FUNDING**

**SBG Funds Requested:** \$ 20490.00

**Cost Share Funds:** \$ 12000.00

**Total Project Costs:** \$ 32490.00

**PARTICIPANT INFORMATION**

**Applicant:** Joe A. Hall

(please print)

**Telephone:** (928) 428-2149

**Address:** 555 N. Greasewood Road

Tucson, Arizona

**AGFD Contact and Phone No.**

(If applicant is not AGFD personnel)

**Coordinated with:** Paul Puckett, Ed Jarhke

**Date:** July 2006, June 2007

**Applicant's signature:**

**Date:**

**SEND COMPLETED APPLICATIONS TO:**

(revised 6-05-2007)

**Game Branch  
2221 W. Greenway Rd.  
Phoenix, AZ 85023  
mdisney@azgfd.gov**

**WAS PROJECT PRESENTED TO THE LOCAL HPC?      YES   X        NO**

**HAS PROJECT BEEN SUBMITTED IN PREVIOUS YEARS? IF SO WAS IT FUNDED?**

**No**

**NEED STATEMENT/PROBLEM ANALYSIS:**

Arizona Game and Fish catchment #798 is currently not operating to its potential and is in need of replacement to enhance its ability to provide water for wildlife in the area. The current design of the catchment is outdated and would not be cost effective to repair. It has a 5,000-gallon storage with an older rubber liner that is leaking and not operational to its capacity. The sheet metal apron is continually in need of repair due to wind and weather damage. In 2006 Paul Puckett from the Department's development branch visited and inspected this catchment. He recommended replacing this catchment with the new design to make it function properly with less maintenance. Without this replacement the catchment will not provide sufficient water to the wildlife species in the area.

The catchment is located on the P Ranch south of Safford. The current owner has not utilized the area for the past couple of years. All the livestock waters are currently not functioning. This catchment has received heavy use by wildlife in the past. Several species of wildlife have been observed using this catchment. Mule Deer and Javalina tracks are frequently observed inside the perimeter. The need for a fully functional water source in this area is critical.

If project is approved NEPA will be completed by the Bureau of Land Management.

**PROJECT OBJECTIVES:**

To insure that a reliable water source is available in the P-Ranch area of Game Management Unit 31. The redevelopment of this catchment will provide a year round water source for Mule Deer and Javalina.

The current years survey data indicates fawn survival in the unit remains below management guidelines. With the possibility of increased moisture in the future and an increase in fawns a reliable water source needs to be available in the future.

Javalina numbers throughout the unit also remain low. Small groups of Javalina are frequently observed in the area of this catchment.

**PROJECT STRATEGIES:**

Replace the existing 5,000-gallon rubber lined vault with an 18ft fiberglass tank and a 3ft walk-in drinker. Replace all existing sheet metal with a new sheet metal apron. Construct a pipe rail fence to encompass the

catchment, which will allow access by wildlife.

If possible utilize volunteer labor from the Southeastern Sportsman Club and other interested groups to complete the project.

Also utilize an experienced person or persons from the Departments developments branch for technical advice and assistance.

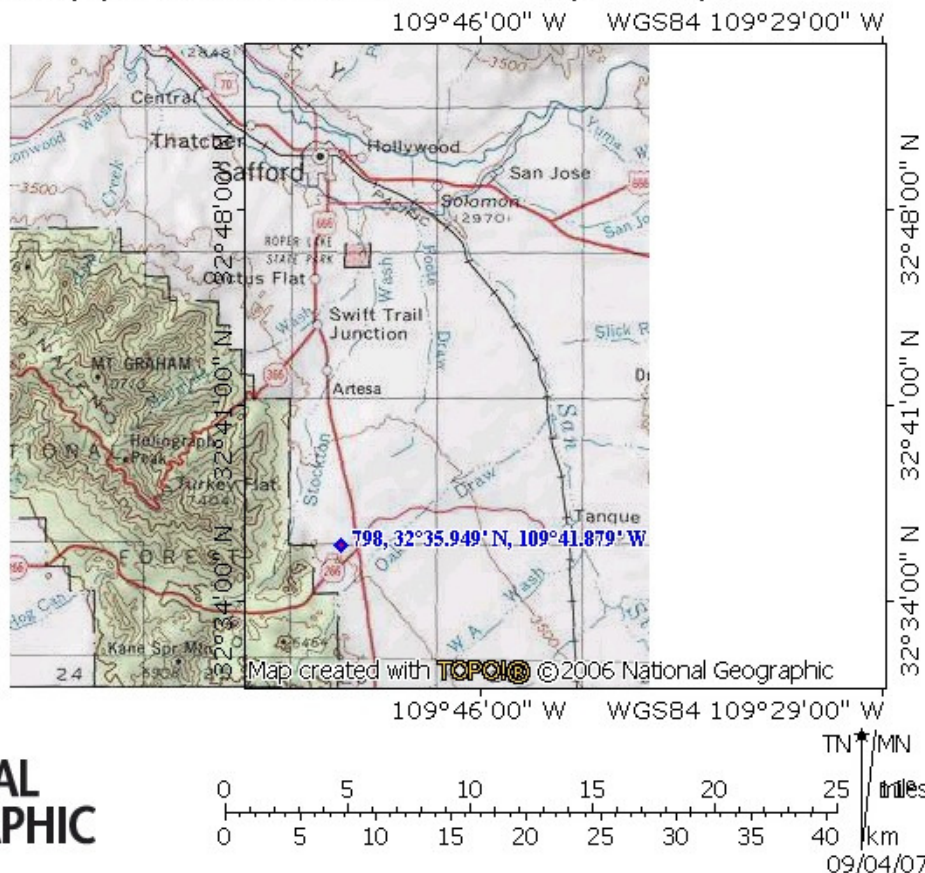
### PROJECT LOCATION:

The project is located in Game Management Unit 31. The catchment is located south of Safford between SR 191 and SR266.

T10S R25E NW ¼ NW1/4 Section 4.

GPS Location: N 32 35.949' W 109 41.879'

TOPO! map printed on 09/04/07 from "Map#798.tpo"



**LAND OWNERSHIP AT PROJECT SITE (Please state specifically if PRIVATE PROPERTY and provide landowner's name):**

The land is owned by the United States Government and is managed by the Bureau of Land Management of

the Department of the Interior.

**IF PRIVATE PROPERTY, IS THERE A STEWARDSHIP AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?**

**HABITAT DESCRIPTION:**  
**Desert Scrub**

**ITEMIZED USE OF FUNDS:**

<b>18 ft fiberglass tank -</b>	<b>\$ 7567.00</b>
<b>fiberglass gutter -</b>	<b>\$ 578.00</b>
<b>3ft walk-in drinker-</b>	<b>\$ 2700.00</b>
<b>Sheet metal apron -</b>	<b>\$ 5945.00</b>
<b>150 x150 pipe rail fence -</b>	<b>\$ 2700.00</b>
<b>Concrete and plumbing-</b>	<b>\$ 1000.00</b>
<b>Labor &amp; expences</b>	<b><u>\$12000.00</u></b>
	<b>\$ 32490.00</b>

Labor and expences will include :

- 1) Department Development Employee for 40 hours @ \$30 an hour and vehicle mileage round trip @ \$.441/2 cents per mile.
- 2) Volunteer labor expenses and mileage at \$.441/2 cents per mile round trip.
- 3) Possible use of equipment by volunteer labor.

All costs and funds are only estimates provided by the Departments development branch. Pricing my change depending on the start date of the project and the cost of materials.

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:**

Arizona Game and Fish Department Region 5 and Sector 7 personnel. The Southeastern Arizona Sportsman Club. Local volunteers. Bureau of Land Management Safford Field Office.

**PROJECT MONITORING PLAN:**

The Departments development branch personnel will oversee and provide technical assistance for the project. The area Wildlife Manager will assist with the project and conduct annual maintenance inspections. Random inspections will be conducted when the Wildlife Manager is in the area.

**PROJECT MAINTENANCE:**

Maintenance requests will be coordinated with the Regional Game Specialist and placed on the regional priority list. Repairs will be by the AZGFD.

**PROJECT COMPLETION REPORT TO BE FILED BY:**

District Wildlife Manager will file the Report at the completion of the Project.

**WATER DEVELOPMENT PROJECTS (see attached worksheet):**

**TREE SHEARING (AGRA-AXE, PUSH) PROJECTS (see attached worksheet):**

**ARIZONA GAME AND FISH DEPARTMENT  
WATER DEVELOPMENT WORKSHEET**

**PROJECT NAME:** Graham Mountain Catchment #3 (798)

- 1) **Is the water development listed as a priority in the most recent "Wildlife Water Development Annual Implementation Schedule?"** Yes
- 2) **Please list the Development Branch personnel and date coordinated with for this project.**  
Paul Puckett – July 2006, June 2007  
Ed Jarke – June 2007
- 3) **What is the estimated annual inches of precipitation for the area? (mark one)**  
  2-4   4-6   6-8   8-10   x  10-12   12-14   14-16   >16
- 4) **Is there a perennial water source available to big game within four miles of this project?**  
  x  YES (please complete #5 below)   NO (skip #5 below)
- 5) **For the accessible, perennial water source nearest this project:**  
Name of water source: Gillespie Allotment  
Type of water source (catchment, spring, dirt tank, etc.): Water tank storage and troughs.  
Ownership of water source: Private and USFS  
Distance in miles from project: 1 1/2 –2 miles
- 6) **Is the target wildlife species a result of transplant efforts?**   YES   x  NO
- 7) **Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument, etc). If private land, list landowner.**
- 8) **Please provide the following information about access to the proposed site:**

Type of access (mark one): \_\_\_2x4 vehicles X4x4 only \_\_\_foot only\*\*

\*\*If foot access only: Distance in miles:    Approx. hiking time:

-- Does access to this site require crossing private or tribal lands? \_\_\_YES XNO

-- Please describe any restrictions to public access:

**9) Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.**

18 ft. fiberglass tank

3 ft. walk-in drinker

24 ft. x 72 ft sheet metal apron

15 x 150 pipe rail fence

concrete and plumbing

**10) Was a site visit completed? X Yes \_\_\_No**

If Yes, please list personnel that attended and date. Paul Puckett July 2006